

ISI Web of Knowledge<sup>SM</sup>Essential Science Indicators<sup>SM</sup>

## TOP PAPERS FOR J HAZARD MATER IN (ALL FIELDS)

Sorted by: Citations

SORT AGAIN

1 - 20 (of 447)



Page 1 of 23

1 Citations: 543

COMMENTARY

WEB OF SCIENCE

**Title:** LOW-COST ADSORBENTS FOR HEAVY METALS UPTAKE FROM CONTAMINATED WATER: A REVIEW**Authors:** [BABEL S;](#) [KURNIAWAN TA](#)**Source:** [J HAZARD MATER](#)  
97 (1-3): 219-243 FEB 28 2003**Addresses:** [Thammasat Univ.](#), SIIT, Environm Technol Program, POB 22, Pathum Thani 12121, [Thailand.](#)  
[Thammasat Univ.](#), SIIT, Environm Technol Program, Pathum Thani 12121, [Thailand.](#)**Field:** [ENGINEERING](#)

2 Citations: 383

WEB OF SCIENCE

**Title:** A REVIEW OF CLASSIC FENTON'S PEROXIDATION AS AN ADVANCED OXIDATION TECHNIQUE**Authors:** [NEYENS E;](#) [BAEYENS J](#)**Source:** [J HAZARD MATER](#)  
98 (1-3): 33-50 MAR 17 2003**Addresses:** [Katholieke Univ Leuven.](#), Dept Chem Engn, De Croylaan 46, B-3001 Heverlee, [Belgium.](#)  
[Katholieke Univ Leuven.](#), Dept Chem Engn, B-3001 Heverlee, [Belgium.](#)**Field:** [ENGINEERING](#)

3 Citations: 311

WEB OF SCIENCE

**Title:** USE OF CELLULOSE-BASED WASTES FOR ADSORPTION OF DYES FROM AQUEOUS SOLUTIONS

**Authors:** [ANNADURAI G;](#) [JUANG RS;](#) [LEE DJ](#)

**Source:** [J HAZARD MATER](#)  
92 (3): 263-274 JUN 10 2002

**Addresses:** [Yuan Ze Univ.](#), Dept Chem Engr, Chungli 320, [Taiwan.](#)  
[Natl Taiwan Univ.](#), Dept Chem Engr, Taipei 106, [Taiwan.](#)

**Field:** [ENGINEERING](#)

4 **Citations:** 260 

RESEARCH FRONT

WEB OF SCIENCE

**Title:** ARSENIC REMOVAL FROM WATER/WASTEWATER USING ADSORBENTS - A CRITICAL REVIEW

**Authors:** [MOHAN D;](#) [PITTMAN CU](#)

**Source:** [J HAZARD MATER](#)  
142 (1-2): 1-53 APR 2 2007

**Addresses:** [Mississippi State Univ.](#), Dept Chem, Mississippi State, MS 39762 USA.  
[Ind Toxicol Res Ctr.](#), Environm Chem Div, Lucknow 226001, Uttar Pradesh, [India.](#)

**Field:** [ENGINEERING](#)

5 **Citations:** 224 

WEB OF SCIENCE

**Title:** REVIEW OF SECOND-ORDER MODELS FOR ADSORPTION SYSTEMS

**Authors:** [HO YS](#)

**Source:** [J HAZARD MATER](#)  
136 (3): 681-689 AUG 25 2006

**Addresses:** [Taipei Med Univ.](#), Sch Publ Hlth, 250 Wu Hsing St, Taipei 11014, [Taiwan.](#)  
[Taipei Med Univ.](#), Sch Publ Hlth, Taipei 11014, [Taiwan.](#)

**Field:** [ENGINEERING](#)

6 **Citations:** 205 

WEB OF SCIENCE

**Title:** ELECTROCOAGULATION (EC) - SCIENCE AND APPLICATIONS

**Authors:** [MOLLAH MYA;](#) SCHENNACH R; [PARGA JR;](#) [COCKE DL](#)

**Source:** [J HAZARD MATER](#)  
84 (1): 29-41 JUN 1 2001

**Addresses:** [Lamar Univ.](#), Gill Chair Chem & Chem Engn, Beaumont, TX 77710 USA.

**Field:** [ENGINEERING](#)

7 Citations: 196 

WEB OF SCIENCE

**Title:** THE ROLE OF SAWDUST IN THE REMOVAL OF UNWANTED MATERIALS FROM WATER

**Authors:** [SHUKLA A](#); [ZHANG YH](#); DUBEY P; [MARGRAVE JL](#); [SHUKLA SS](#)

**Source:** [J HAZARD MATER](#)  
95 (1-2): 137-152 NOV 11 2002

**Addresses:** [Lamar Univ.](#), Dept Chem, Beaumont, TX 77710 USA.  
[Rice Univ.](#), Dept Chem, Houston, TX 77251 USA.  
Vikram Univ, Ujjain, Madhya Pradesh, [India](#).  
A&B Environm Serv, Houston, TX USA.  
Southeast Coll, Houston, TX 77207 USA.

**Field:** [ENGINEERING](#)

8 Citations: 188 

RESEARCH FRONT

WEB OF SCIENCE

**Title:** ACTIVATED CARBONS AND LOW COST ADSORBENTS FOR REMEDIATION OF TRI- AND HEXAVALENT CHROMIUM FROM WATER

**Authors:** [MOHAN D](#); [PITTMAN CU](#)

**Source:** [J HAZARD MATER](#)  
137 (2): 762-811 SEP 21 2006

**Addresses:** [Mississippi State Univ.](#), Dept Chem, Mississippi State, MS 39762 USA.  
[Ind Toxicol Res Ctr.](#), Environm Chem Div, Lucknow 226001, Uttar Pradesh, [India](#).

**Field:** [ENGINEERING](#)

9 Citations: 186 

WEB OF SCIENCE

**Title:** REMOVAL OF CD(II) AND PB(II) IONS, FROM AQUEOUS SOLUTIONS, BY ADSORPTION ONTO SAWDUST OF PINUS SYLVESTRIS

**Authors:** TATY-COSTODES VC; FAUDUET H; [PORTE C](#); DELACROIX A

**Source:** [J HAZARD MATER](#)  
105 (1-3): 121-142 DEC 12 2003

**Addresses:** [Conservatoire Natl Arts & Metiers](#), Lab Chim Ind Genie Procedes, EA21, 2 Rue Conte, F-75003 Paris, [France](#).  
[Conservatoire Natl Arts & Metiers](#), Lab Chim Ind Genie Procedes, EA21, F-75003 Paris, [France](#).  
[Univ Orleans](#), Lab Prod Chim, EA3270, Inst Univ Technol, F-45067 Orleans 2, [France](#).

**Field:** [ENGINEERING](#)

10 Citations: 175 

WEB OF SCIENCE

**Title:** EQUILIBRIUM AND KINETIC MODELING OF ADSORPTION OF REACTIVE DYE ON CROSS-LINKED CHITOSAN BEADS

**Authors:** CHIOU MS; [LI HY](#)

**Source:** [J HAZARD MATER](#)  
93 (2): 233-248 JUL 22 2002

**Addresses:** [Natl Lien Ho Inst Technol](#), Dept Chem Engn, Miaoli 36003, [Taiwan](#).

**Field:** [ENGINEERING](#)

11 Citations: 172 

WEB OF SCIENCE

**Title:** HEAVY METAL REMOVAL FROM WATER BY SORPTION USING SURFACTANT-MODIFIED MONTMORILLONITE

**Authors:** [LIN SH](#); [JUANG RS](#)

**Source:** [J HAZARD MATER](#)  
92 (3): 315-326 JUN 10 2002

**Addresses:** Nanya Inst Technol, Dept Chem Engn, Chungli 320, [Taiwan](#).  
[Yuan Ze Univ](#), Dept Chem Engn, Chungli 320, [Taiwan](#).

**Field:** [ENGINEERING](#)

12 Citations: 163 

WEB OF SCIENCE

**Title:** TREATMENT OF TEXTILE WASTEWATERS BY ELECTROCOAGULATION USING IRON AND ALUMINUM ELECTRODES

**Authors:** [KOBYA M](#); CAN OT; [BAYRAMOGLU M](#)

**Source:** [J HAZARD MATER](#)  
100 (1-3): 163-178 JUN 27 2003

**Addresses:** [Gebze Inst Technol](#), Fac Engn, Dept Environm Engn, TR-41400  
Gebze, [Turkey](#).

**Field:** [ENGINEERING](#)

13 Citations: 162 

WEB OF SCIENCE

**Title:** OCCURRENCE AND FATE OF PHARMACEUTICALLY ACTIVE  
COMPOUNDS IN THE ENVIRONMENT, A CASE STUDY: HOJE RIVER  
IN SWEDEN

**Authors:** BENDZ D; PAXEUS NA; GINN TR; LOGE FJ

**Source:** [J HAZARD MATER](#)  
122 (3): 195-204 JUL 15 2005

**Addresses:** Swedish Geotech Inst, Dept Environm Technol, Hospitalsgatan 16A, S-21133  
Malmo, [Sweden](#).  
Swedish Geotech Inst, Dept Environm Technol, S-21133 Malmo, [Sweden](#).  
Gryaab, S-41834 Gothenburg, [Sweden](#).  
[Univ Calif Davis](#), Dept Civil & Environm Engn, Davis, CA 95616 USA.

**Field:** [ENGINEERING](#)

14 Citations: 152 

WEB OF SCIENCE

**Title:** FUNDAMENTALS, PRESENT AND FUTURE PERSPECTIVES OF  
ELECTROCOAGULATION

**Authors:** [MOLLAH MYA](#); MORKOVSKY P; GOMES JAG; KESMEZ M; PARGA  
J; [COCKE DL](#)

**Source:** [J HAZARD MATER](#)  
114 (1-3): 199-210 OCT 18 2004

**Addresses:** [Lamar Univ](#), Gill Chair Chem & Chem Engn, POB 10022, Beaumont, TX  
77710 USA.  
[Lamar Univ](#), Gill Chair Chem & Chem Engn, Beaumont, TX 77710 USA.  
Univ Dhaka, Dept Chem, Dhaka 1000, [Bangladesh](#).  
Kaspar Electroplating Corp, Shiner, TX 77984 USA.  
Inst Technol Saltillo, Dept Met & Mat Sci 5, Saltillo 25000, Coahuila, [Mexico](#).

**Field:** [ENGINEERING](#)

15 Citations: 148 

WEB OF SCIENCE

**Title:** SOLAR/UV-INDUCED PHOTOCATALYTIC DEGRADATION OF THREE COMMERCIAL TEXTILE DYES

**Authors:** NEPPOLIAN B; [CHOI HC](#); [SAKTHIVEL S](#); ARABINDOO B; [MURUGESAN V](#)

**Source:** [J HAZARD MATER](#)  
89 (2-3): 303-317 JAN 28 2002

**Addresses:** [Kwangju Inst Sci & Technol](#), Dept Environm Sci & Engn, Kwangju 500712, [South Korea](#).  
[Anna Univ](#), Dept Chem, Chennai 25, [India](#).

**Field:** [ENGINEERING](#)

16 Citations: 144 

WEB OF SCIENCE

**Title:** UTILIZATION OF INDUSTRIAL WASTE PRODUCTS AS ADSORBENTS FOR THE REMOVAL OF DYES

**Authors:** [JAIN AK](#); [GUPTA VK](#); [BHATNAGAR A](#); SUHAS

**Source:** [J HAZARD MATER](#)  
101 (1): 31-42 JUL 4 2003

**Addresses:** [Indian Inst Technol](#), Dept Chem, Roorkee 247667, Uttar Pradesh, [India](#).

**Field:** [ENGINEERING](#)

17 Citations: 131 

WEB OF SCIENCE

**Title:** REMOVAL AND RECOVERY OF LEAD(II) FROM SINGLE AND MULTIMETAL (CD, CU, NI, ZN) SOLUTIONS BY CROP MILLING WASTE (BLACK GRAM HUSK)

**Authors:** SAEED A; [IQBAL M](#); AKHTAR MW

**Source:** [J HAZARD MATER](#)  
117 (1): 65-73 JAN 14 2005

**Addresses:** Biotechnol & Food Res Ctr, Environm Biotechnol Grp, PCSIR Labs Complex, Lahore 54600, [Pakistan](#).  
Biotechnol & Food Res Ctr, Environm Biotechnol Grp, Lahore

54600, [Pakistan](#).  
Univ Punjab, Inst Biochem & Biotechnol, Lahore, [Pakistan](#).

**Field:** [ENGINEERING](#)

18 **Citations:** 127 

WEB OF SCIENCE

**Title:** REMOVAL OF CHROMIUM FROM WATER AND WASTEWATER BY ION EXCHANGE RESINS

**Authors:** [RENGARAJ S](#); YEON KH; [MOON SH](#)

**Source:** [J HAZARD MATER](#)  
87 (1-3): 273-287 OCT 12 2001

**Addresses:** [Kwangju Inst Sci & Technol](#), Dept Environm Sci & Engn, Puk Gu, 1 Oryong Dong, Kwangju 500712, [South Korea](#).  
[Kwangju Inst Sci & Technol](#), Dept Environm Sci & Engn, Puk Gu, Kwangju 500712, [South Korea](#).

**Field:** [ENGINEERING](#)

19 **Citations:** 122 

WEB OF SCIENCE

**Title:** ADSORPTION OF REACTIVE DYES ON CALCINED ALUNITE FROM AQUEOUS SOLUTIONS

**Authors:** OZACAR M; SENGIL IA

**Source:** [J HAZARD MATER](#)  
98 (1-3): 211-224 MAR 17 2003

**Addresses:** [Sakarya Univ](#), Sci & Arts Fac, Dept Chem, TR-54100 Sakarya, [Turkey](#).

**Field:** [ENGINEERING](#)

20 **Citations:** 120 

WEB OF SCIENCE

**Title:** REMOVAL AND RECOVERY OF LEAD USING NONLIVING BIOMASS OF MARINE ALGAE

**Authors:** JALALI R; GHAFOURIAN H; ASEF Y; DAVARPANA H SJ; SEPEHR S

**Source:** [J HAZARD MATER](#)  
92 (3): 253-262 JUN 10 2002

**Addresses:** Atom Energy Org Iran, Nucl Res Ctr, Dept Biotechnol, Tehran, [Iran](#).

Univ Alzahra, Dept Biol, Tehran, [Iran](#).

**Field:** [ENGINEERING](#)

1 - 20 (of 447)

⏪ ⏩ [1 | [2](#) | [3](#) | [4](#) | [5](#) | [6](#) | [7](#) | [8](#) | [9](#) | [10](#)] ▶▶▶

Page 1 of 23

Copyright © 2011 [The Thomson Corporation](#)

